

REMARKS

Claims 12, 13, 15-17, 20-23 and 25-28 are pending. Claims 12-15, 20-25 and 27-28 were rejected under Section 102 based on Mays (U.S. 2003/0011332) while claims 16-19 and 26 were rejected under Section 103 based on Mays in view of Young (U.S. 6,018,456). Applicant has amended the claims to more fully distinguish over the prior art. Applicant respectfully requests allowance of the present application in view of the foregoing amendments and the following remarks.

Applicant traverses in part the rejections under Section 102 because the subject matter of canceled claim 24 (now incorporated in amended claim 12) is not found in the prior art. It is only the applicant who teaches use of a sensor diode integrated in an integrated circuit for temperature monitoring in relation to bypassing a fan control unit under a fault condition so as to power the fan unit at full operating voltage when a board temperature is greater than a board limit temperature. Claim 12 is further amended to recite a control unit which provides alarm or control signals for transmittal over a bus, including signals indicative of an alarm condition relating to increased rotational speed or noise in the fan unit. In this regard, claim 27 is amended to require that the control unit is connected to a control computer by the bus to display alarm or control signals.

In view of the amendment to claim 12 and the above-noted distinctions, all of the claims are allowable over the art rejection under Section 102 and the combination of Mays in view of Young under Section 103. The claims are nonobvious over the art of record.

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Conclusion

The Commissioner is hereby authorized to charge any appropriate fees due in connection with this paper, including the fees specified in 37 C.F.R. §§ 1.16 (c), 1.17(a)(1) and 1.20(d), or credit any overpayments to Deposit Account No. 19-2179.

Respectfully submitted,

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